

WASYLUK, J.

A review of the more important radioisotopes used at present in biology and medicine.
p. 47

NUKLEONIKA. (Polska Akademia Nauk. Komitet to Spraw Pokojowego Wykorzystania
Energii Jadrowej) Warszawa, Vol. 4, no. 1, 1958.

POLAND

Monthly List of European Accession (EEAI) IC, Vol. 8, no. 7, July 1959.

Uncl.

WASYLUK, Janusz

Non-traumatic heart rupture., Polski tygod. lek. 16 no.22:839-842
29 My '61.

1. Z II Kliniki Chorob Wewnętrznych SDL A.M. w Warszawie; kierownik:
doc. dr med. Edward Rusyllo.

(HEART wds & inj)

WASYLUK, J.

Clinical studies on new Polish cardiac glycosides. Kardiol. pol. 5
no.3:231-236 '62.

1. Z II Kliniki Chorob Wewnętrznych Studium Doskonalenia Lekarzy
Akademii Medycznej w Warszawie Kierownik: doc. dr E. Ruzyllo.
(CARDIAC GLYCOSIDES)

WASYLUK, Janusz

Kidney biopsy in clinical internal diseases, Pol. tyg. lek. 17 no.27:
1078-1082 2 J1 '62.

1. Z II Kliniki Chorob Wewnętrznych Studium Doskonalenia lekarzy w AM
w Warszawie; kierownik doc. dr med. Edward Ruzyłło.
(KIDNEY) (BIOPSY)

WASYLUK, J.

Selye's "pseudo-infarction myocardial defect". (Clinical aspects). Kardiol. pol. 6 no.3:153-154 '63.

1. Z 2 Kliniki Chorob Wewnętrznych Studium Doskonalenia Lekarzy
AM w Warszawie Kierownik: prof. dr E. Ruzylo.
(STRESS) (MYOCARDIAL INFARCT)
(HEART DISEASES) (DIAGNOSIS, DIFFERENTIAL)

KALUS, Halina; WASYLUK, Janusz

Hypokalemia as a cause of focal lesions of the endocardium.
Pol. tyg. lek. 19 no.12:436-437 16 Mr '64.

1. Z II Kliniki Chorob Wewnętrznych Studium Doskonalenia Lekarzy
Akademii Medycznej w Warszawie (kierownik: prof dr. med. E. Ruzyllo).

DZIENISZEWSKI, J.; WASYLUK, J.

A case of primary neoplasm of the pericardium. Kardiol. Pol. 8
no.1:71-74 '65

1. Z II Kliniki Chorob Wewnętrznych Studium Doskonalenia
Lekarzy w Akademii Medycznej w Warszawie.

ABERT, Eugeniusz; WASYLUK, Janusz

Bretylium toluene sulfate in the treatment of arterial hypertension. Pol. tyg. lek. 20 no.4:136-138 25 Ja '65

1. Z II Kliniki Chorob Wewnętrznych Studium Doskonalenia Lekarzy w Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. E. Ruzyllo).

WASYLUK, Janusz; DZIENISZEWSKI, Jan; WOJNAR, Stefan

Treatment of cardiac failure with domestic acetyldigitoxin.
Pol. tyg. lek. 20 no.40:1500-1502 4 0 '65.

1. Z II Kliniki Chorob Wewnętrznych Studium Doskonalenia
Lekarzy AM w Warszawie (Kierownik: prof. dr. med. E. Ruzyllo).

ACC NR: AF6005484

(A)

SOURCE CODE: CZ/0078/66/000/001/0009/0010

AUTHOR: Wasyluk, R. (Engineer; Prague)

ORG: none

TITLE: Czechoslovak Patent Number PV 2473-61

SOURCE: Vynalezy, no. 1, 1966, 9-10

TOPIC TAGS: semiconductor material, magnetic dipole

ABSTRACT: This is a method of preparation of a solid body which, with regard to periodic currents, has the properties of a predetermined passive dipole. The body consists of several parallel branches, one of which is formed by predetermined capacitance C , the next branch is formed by predetermined resistance R , and each other n branch consists of a serial combination of predetermined capacitance C_i and predetermined resistance R_i , where $i = 1, 2, \dots, n$ ($n \geq 1$). At the same time the predetermined capacitances C_i are finite and different from zero, predetermined resistances R_i are finite and different from zero, the predetermined capacity C is finite but not necessarily different from zero, the predetermined resistance is different from zero but not necessarily finite, and at least two parallel branches of the dipole have finite impedance for periodic currents which is characterized by the fact that a single dielectric is formed with the tangents of the loss angle larger than 0.1 and

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static permittivity ϵ_s , optical permittivity ϵ_r , electric conductivity g_s , optical conductivity g_r , and relaxation period p_i ($i = 1, 2, \dots, n$) of its n dipoles ($n \geq 1$) satisfy the following relations:

$$\frac{\epsilon_r}{\epsilon_s} \frac{C}{C + C_1 + \dots + C_n} \text{ for } C \neq 0 \text{ and } \frac{\epsilon_r}{\epsilon_s} \leq 10^{-3} \text{ for } C = 0,$$

$$\frac{g_r}{g_s} = R \cdot \left(\frac{1}{R} + \frac{1}{R_1} + \dots + \frac{1}{R_n} \right) \text{ for } R \neq 00 \text{ and } \frac{g_r}{g_s}$$

$$\geq 10^{-3} \text{ for } R = 00, \frac{\epsilon_r}{g_r} = \frac{C}{\frac{1}{R} + \frac{1}{R_1} + \dots + \frac{1}{R_n}}$$

$$\text{for } C \neq 0 \text{ and } \frac{C_r}{g_r} \leq 10^{-6} \text{ sec for } C = 0, t_i = R_i \cdot C_i,$$

where the values C and C_i ($i = 1, 2, \dots, n$) are expressed in faradays of the value R and R_i in ohms. At the same time, $1/R$ means 0 for $R = 00$, the values ϵ_r , ϵ_s are expressed in F/cm, and the values g_r , g_s are expressed in ohm⁻¹ cm⁻¹. After that we used the

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ACC NR: AP6005484

material to prepare the solid body in such a way that its thickness Λ , measured in centimeters in the direction of the electric pole which acts on the body and the cross section S of the body measured in cm^2 perpendicularly, to the indicated direction satisfies the relationship:

$$\frac{S}{\Lambda} = \frac{1}{g_r} \cdot \left(\frac{1}{R} + \frac{1}{R_1} + \dots + \frac{1}{R_n} \right).$$

Patent applied for on 24 April 1961 (PV 2473-61).

SUB COPIES: 11,20/ SUBM DATE: 21Apr61

Card 3/3

WASYLYSZYN, G.

Construction of a water-gas station equipped for dissolving natural gas. p. 162

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Sanitarnych, Ogrzewnictwa i Gazownictwa) Warszawa, Poland.
Vol. 33, no. 5, May 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, September 1959
Uncl.

WASYLKIEWICZ, Henryk

Intensity of scattered radiations and protection of the personnel
in roentgenological laboratories. Polski prezegl.radiol. 23
no.5:319-336 8-0 '59.

1. Z Zakladu Radiologii im. Marii Werkenthin Instytutu Gruźlicy
w Warszawie Kierownik: prof. dr med. K. Ossowska.
(RADIATION PROTECTION)

DZIENISZEWSKI, Jan; WASYLUK, Janusz

Therapeutic methods currently used in clinical practice in Morgagni-Adams-Stokes syndrome. Polskie arch. med. wewn. 31 no.6:865-872 '61.

1. Z II Kliniki Chorob Wewnętrznych Studium Doskonalenia lekarzy AM w Warszawie Kierownik: doc. dr med. E. Ruzyllo.

(HEART BLOCK ther)

WASZAK, Stanislaw

Polish mortality tables for 1958/1959. Przegl statyst 8 no.4:333-355
'61.

WASZAK, S

Analytical Abst.
May 1954
Organic Analysis

1000. Continuous colorimetric determination of small amounts of oxygen in ethylene. M. Struszynski, J. Minczowski, S. Waszak and J. Wacławik (*Przem. Chem.*, 1963, 33 [10], 440-457). L. J. Brady's method (*Brit. Abstr. C*, 1949, 203).

which is based on the change of colour of an alkaline soln. of reduced sodium anthraquinone- β -sulphonate by oxygen, has been modified and adapted for continuous recording of oxygen contents from 0.002 to 0.02 per cent. in C_2H_4 , with an absolute error of ± 0.0005 per cent. The range of measurements can be extended to 0.1 per cent. by adjusting concn. of the reagent, diameter of capillary and flow of C_2H_4 . The prep. of reagents, assembly and calibration of the apparatus and the procedure are described in detail. Diagrammatic sketches, calibration curves and a survey of literature are presented. H. BURSTIN

Waszak, Stefan

A colorimetric apparatus for examining gases. I. Continuous determination of small amounts of oxygen. Stefan Waszak (Gen. Chem. Inst., Warsaw). *Chem. Abstr.* (Warsaw) 2, 376-377, 1957 (English and Russian summaries).
 An app. was constructed for continuous colorimetric detn. of O in H₂ or in gases contg. H₂. The method is a modification of that by Brady (cf. C.A. 43, 1286a). By introducing some improvements, e.g., a special system of capillaries, it is possible to det. O in two concn. ranges: from 0.00 to 0.10% and from 0.01 to 0.60% vol. The error was $\pm 6\%$. Methods found in the literature are discussed.
 Z. Kutyka

Qln

WASZAK, S

POLISH TECHNICAL ABSTRACTS

Vol. 26, Nr. 2, 1957

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• Waszak S., Warlawik J., Analytical Control in the Chemical Industry.
Vol. 2. The Analysis of Gases.

„Kontrola analityczna w przemyśle chemicznym, 2. Analiza gazowa”. Warszawa, 1953, PWT, 16, 340 pp., 128 figs., 21 tabs.

Description of quantitative and qualitative methods of chemical analysis of gases in industry, and of the basic facts concerning gases, with a description of the apparatus used for the analysis.

JP M

WASZAK, S.

7
 ✓ Gas analysis. Zygmunt Łada, Jerry Waclawik, and Stefan Waszak (Zakład Anal. Inst. Chemii Ogólnej, Warszawa). *Chem. Anal.* 3, 320-48 (1958).—Analysis and separation of gas mixts. by physical, chem., physicochem., gas chromatography, and adsorption methods are reviewed. The accuracy and sensitivity of the methods are discussed. 169 references.

5

Monthly List of European
 Publications (EEA I) LC, Vol. 8, No. 7, Jul '59

POLAND / Laboratory Equipment. Instrumentation.

F

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 2033.

Author : Waszak, Stefan.

Inst : Not given.

Title : Colorimetric Apparatus for the Study of Gases. I.
Continuous Determination of Small Amounts of Oxygen.

Orig Pub: Chem. analit., 1958, 2, No 4, 376-384.

Abstract: An improvement of the previously developed method (RZhKhim, 1953, 41715), based upon the principle of the method of Brady (Brady L., Analyt. Chem., 1948, 20, 1033): O_2 decolorizes an alkaline solution of Na-beta-anthraquinone sulfonate and the coloration of the solution is measured with a photocolormeter. The reagent is regenerated by

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70

POLAND/Chemical Technology. Chemical Products and Their Applications. Instruments and Automation.

H

Abs Jour: Ref Zhur-Khin., No 8, 1959, 27773.

Author : Waszak, S.

Inst :

Title : Colorimeter for the Continuous Measurement of Small Concentrations of Chlorine in Gases.

Orig Pub: Pomiar, Automat, Kontrola, 4, No 5-6, 228-231 (1958)
(in Polish with German and Russian summaries)

Abstract: A gas analyzer (GA) has been developed for the determination of Cl traces with continuous regeneration of the circulated reagent. The apparatus operates on the basis of the reaction of Cl with a buffered KI solution (pH 7). After the reaction the solution takes on a yellow color the intensity of which is

Card : 1/3

POLAND/Chemical Technology. Chemical Products and Their Applications. Instruments and Automation.

H

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961510010-7

Abs Jour: Ref Zhur-Khin., No 8, 1959, 27773.

proportional to the Cl content in the analyzed gas. The intensity of the color of the solution is continuously measured with a differential colorimeter with two selenium photocells and the result of the analysis is recorded with a recording milliammeter. The gas to be analyzed enters the GA at a constant flow rate and is contacted with the continuously renewed clear solution in a coiled tube. After passing through the tube, the gas is purified from entrained liquid droplets in a separator and exhausted; the colored portion of the solution is drained into one of two colorimetric cuvettes, after which it is passed through a regenerating section packed with activated coal and returned through a second cuvette to the coil.

Card : 2/3

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Card . 2/3

WASZAK, S.

A colorimetric apparatus for testing gas. III. Continuous determination of small quantities of chlorine in gases.
p. 351.

CHEMIA ANALITYCZNA. (Komisja Analityczna Polskiej Akademii Nauk i Naczelna Organizacja Techniczna) Warszawa. Poland. Vol. 4, No. $\frac{1}{2}$, 1959.

Monthly list of East European Accessions (EEAI) LC. Vol. 8, No. 8, August 1959
Uncla.

WASZAK, S.; WACLAWIK, J.

A colorimetric apparatus for testing gas. II. An apparatus for visual determination of oxygen in gases.
p. 343.

CHEMIA ANALITYCZNA. (Komisja Analityczna Polskiej Akademii Nauk i Naczelna Organizacja Techniczna) Warszawa. Poland. Vol. 4, No. 1, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 8, August 1959
Uncla.

WASZAK, Stefan

POLAND

WAOLAWIK, Jerzy; WASZAK, Stefan

M. Strużyski Analytic Department, Institute of General Chemistry (Zakład Analityczny im. M. Strużyskiego Instytutu Chemii Ogólnej), Warsaw (for both)

Warsaw, Chemia analityczna. No 5, 1963, pp 737-46.

"Automatic Method of Determination of Dissolved in Water".

WACLAWEK, Jerzy; WASZAK, Stefan

Colorimetric equipment for research on gases. Pt.4.
Chem anal 8 no.4:633-642 '63.

1. M. Struszynski Analytical Department, Institute of General
Chemistry, Warsaw.

WACLAWEK, Jerzy; WASZAK, Stefan

Automatic determination method of oxygen dissolved in water.
Chem anal 8 no.5:737-746 '63.

I. M. Struszyński Analytical Department, Institute of General
Chemistry, Warsaw.

WACLAWIK, Jerzy; WASZAK, Stefan

Galvanic apparatus for studies on gases. Pt. 1. Chem anal 8
no.6:865-880 '63.

1. M.Struszynski Department of Analytical Chemistry, Institute of
General Chemistry, Warsaw.

WASZCZENKO, K.I., prof. dr nauk techn [Vashchenko, K.I.];
ZIZCHENKO, W.W., inz. [Zhizhchenko, V.V.]; WELKENS, Tadeusz,
mgr inz. [translator]

Technology of preparing Al-Fe layer castings according to the
Alfer process. Przegl odlow 13 no. 12:306-310 D '63.

1. Kijowski Instytut Politechniczny (for Vashchenko and
Zhizhchenko).

WASZCZENKO, K. J.

Category : POLAND/Solid State Physics - Phase transformation of solid bodies

E 5

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 1197

Author : Waszczenko, K.J., Sofroni, L.

Title : Phosphorus in Spheroidal Cast Iron

Orig Pub : Przegl. odlewn., 1956, 6, No 3, 85-88

Abstract : Translation from the periodical "Liteynoye proiz-vo", 1955, No 7, p. 12

Card : 1/1

WASZCZUK, B.

"Improvement of work in the district store of aeronautical materials in Rzeszow" p. 202
"(f.r.) The Soviet rocket engine A-7" p. 202 (Skrzydla I Motor, Vol. 8, no. 13, Mar 53,
Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Uncl

WASZCZUK, Edward Z., mgr.

From the French-Polish Convention on Social Security; damages
for pneumoconiosis acquired in French mines. Praca zabesp.
spol 6 no.4:16-22 Ap'64

WASZCZYŹYŹYN, A.; ZYCZKOWSKI, M.

Finite deflections of elastic-plastic beams, the stretchability of their axes being taken into account. Bul Ac Pol tech 11 no.10:547-558 '63.

1. Department of Constructional Statics and Department of Technical Mechanics, Technical University, Krakow. Presented by W. Olszak.

WASZCZYSZYN, Zenon (Krakow)

Computation of a beam on fixed supports as a portal frame with low columns. Archiw inz lad 8 no.4:395-416 '62.

WASZCZYSZYN, Zenon

Approximate computation of large elastic deflections of a beam
on undisplaceable supports. Rozpr inż PAN 10 no. 1:95-113 '62.

1. Politechnika, Krakow

WASZCZYSZYN, Z.

Approximate computation of elastic deflections of a beam on
undisplaceable supports. Bul Ac Pol tech 10 no.7:[375]-[386]
'62.

1. Department of Structural Statics, Technical University, Krakow.
Presented by W.Olszak.

WASZEK, A.; ODKUWA

p. 299. (PRZEGLAD TECHNICZNY, Vol. 75, No. 8, Aug. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

WASZEK, A.

Hammersmithery and smithery, or only hammersmithery; remarks on the articles
"Project of Publishing a Metallurgic Vocabulary" and "Plastic Processing."
p. 135.
(HUTNIK. Vol. 23, no. 3, Mar. 1956, Katowice, Poland)

SO: Monthly List of East European Acquisitions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

WASEKIEWICZ, Julian, mgr.

A contest of the best packing of medicinal drugs. *Pharmacja Polska* 18
no.8:199-200 Ap '62.

WASZKIEWICZ-GOLOS, Helena; HRYCHOW-SPIOCHOWA, Maria

Histological changes in the dental 1 pulp treated with penicillin.
Pat. polska 9 no.2:191-201 Apr-June '58.

1. Z Zakladu Stomatologii Zachowawczej Sl. Akad. Med. w Zabrze Kierownik:
doc. dr A. Brb i z Zakladu Anatomii Patologicznej Sl. Akad. Med. w
Zabrze Kierownik: doc dr W. Niepolomski. Adres autora: Zabrze, ul.
3 Maja 13/15.

(PENICILLIN, eff.

on dent. pulp. histol. in pulpitis ther. (Pol))

(DENTAL PULP, eff. of drugs on

penicillin on pulp. histol. during pulpitis ther. (Pol))

HRYCKO-SPIOCHOWA, Maria; WASZKIEWICZ-GOLOS, Helena

Problem of the dental pulp in clinically-normal subjects. Pat.
polska 10 no.4:485-493 O-D '59.

1. Z Zakladu Anatomii Patologicznej Sl. A.M. w Zabrze. Kierownik:
prof.dr. W. Niepolomski. Z Zakladu Stomatologii Zachowawczej Sl.
A.M. w Zabrze p.o. Kierownika: dr. med. W. Zaleski.
(DENTAL PULP anat.& histo

HRYCKO-SPIOCHOWA, Maria; WASZKIEWICZ GOLOS, Helena

On the problem of reticular atrophy of the dental pulp. Pat. polska
11 no.3:235-244 '60.

1. Z Zakladu Anatomii Patologicznej Sl. AM w Zabrze, Kierownik:
Prof.dr W.Niepolomski. Z Zakladu Stomatologii Zachowawczej Sl.
AM w Zabrze p.o. Kierownika: Dr W. Zaleski.
(DENTAL PULP pathol)

WASZKOWSKI, IA.

"Disintegrator Single-Processing Unit of Polish Construction."

p. 36 (Elektroenergiia, Vol. 7, No. 2, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 11,
Nov. 1958

WASZKOWSKI, J.

"Perfected Carding Machine; A Polish Construction."

p. 35 (Elektroenergiia, Vol. 7, No. 3, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 11,
Nov. 1958

WATALA, Aniela, mgr inż.; KOPYDLOWSKI, Jerzy, mgr inż.

Analysis of thermal calculation methods of steam boiler
furnace chambers. Gosp paliw 11 no.5:168-172 My '63.

1. Centralne Biuro Konstrukcji Kotłowych, Tarnowskie Gory.

WATALA, Zbigniew, mgr inz.

Development trends in designing and organizing modern laboratories. Chemik 17 no.5:161-163 My '64.

1. Prosynchem, Gliwice.

HUSAIN, S.A.; WATERMAN, D.

Uniform convergence factors of orthogonal expansions.
Publ Inst math SANU 3:89-92 '63.

WATERS W. A

COUNTRY : Rumania G-1
 CATEGORY : Organic Chemistry - Theoretical Organic Chemistry.
 ABS. JOUR. : RZKhim., No. 19, 1950, No. 67844
 AUTH. : Waters, William A.
 INST. : Romanian Academy
 TITLE : The Mechanism of Oxidation of Organic Compounds.
 ORIG. PUB. : Studii si cercetari chim. Acad. RPR, 1958, 6, No 3, 351-361, 363-373.
 ABSTRACT : A review. Bibliography 23 references.

CARD: 1/1

BIENIAK, A.; WATKA, R.

Vascularization of respiratory surfaces in *Bufo cognatus* Say and
Bufo compactilis Wiegman. *Bul Ac Pol biol* 10 no.1:9-12 '62.

1. Department of General Zoology, N.Copernicus University, Torun.
Presented by Z.Grodzinski.

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WATOCKI, W.

EA

Ore veins on Ornak in the western Tatra Mountains. W. Watocki. *Rozwidi Polak. Towarz. Geol. (Ann. soc. géol. Pologne)* 20, 11-20 (1950) (English summary).--Veins cutting granite and schist contain stibnite (4 analyses) with associated barite and tetrahedrite. Quartz veins contain tetrahedrite (2 analyses), barite, pyrite (analysis), and stibnite (analysis). Hematite (2 analyses) occurs in veins in and as coatings on gneiss. Fine-grained barite associated with sulfides contained 6.8% SrO; coarse-grained barite in veins in gneiss 1.80% SrO. Michael Fleischer

1951

PROCHOROW, Mikolaj; WATORSKA, Krystyna

Anomalous course of uterine arteries. Pol. tyg. lek. 19 no.20:
771-773 11 My '64.

1. Z Kliniki Poloznictwa i Chorob Kobietych Pomorskiej Akademii
Medycznej w Szczecinie (kierownik: prof. dr. med. T. Zwolinski).

WATORSKA, Krystyna

Calcification of the uterine mucosa. Gyn. polska 32 no.4:529-531 '61.

1. Z Kliniki Położnictwa i Chorob Kobietych Pomorskiej AM w Szczecinie
Kierownik Kliniki: prof. dr T. Zwoliński
(UTERUS dis)
(CALCIFICATION)

WATORSKI, J.

WATORSKI, J. A method of calculating the carrying capacity of roadbeds. p. 286

Vol. 8, no. 8, Aug. 1956

PRZEGLAD KOLEJOWY

TECHNOLOGY

Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, 1957

WATORSKI, J.

The scientific-technical conference "Thin Shell Structures in Building."

P. 73 (Inżynieria i Budownictwo. Vol. 14, no.3, Mar. 1957, Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

WATORSKI, JAN, doc. inż., BLOCHOWIAK, Zbigniew, mgr inż.

Production plant of IOMI-WB concrete mix. Przegl budowl
i bud mieszk 23 no.8:515-518 Ag'61

PIORECKI, Stanislaw (Kielce); WATORSKI, Jan (Krakow)

Construction of a prefabricated cupola on a reinforced rim. Przegl
budowl i bud mieszk 34 no.8:459-464 Ag '62.

WATORSKI, K.

Circulatory disorders in acute and chronic chemical poisoning in industry.
Polski tygod. lek. 8 no.22:798-804 1 June 1953. (CJML 25:1)

WATORSKI, K.

015.9:541.4

3407

Watorski K. The Influence of Fundamental Organic Radicals upon the Toxicity of Chemical Compounds.

POL. Y

„Wplyw podstawowych rodników chemicznych na toksyczność związków chemicznych” Ochrona Pracy, No. 5, 1954, pp. 155-159.

Review of the influence exerted by various organic radicals upon the toxic effect, on living organisms, of various organic compounds. Linkage or splitting of certain organic radicals may either increase or decrease the toxicity of the chemical compound, or not modify it in any way. It has hitherto not been possible to fix a general law likely to cause a variation in the toxicity of organic compounds. Consideration is given to the fact that the toxicity of a compound depends on its solubility in water (insoluble compounds are not toxic), to the presence of other radicals increasing its toxic effect, and to the position in the compound of any given radical. The author specifies 32 of the most important organic radicals, and their toxic effect.

Handwritten signature

WATORSKI, K.

Early symptoms of toxic action of dichromates. Med. pracy
6 no.1:7-14 1955.

1. Z Instytutu Medycyny Pracy w Rokietnicy-dyrektor: prof. dr.
B. Nowakowski. Terenowa Stacja Toksykologiczna w Gliwicach-
kierownik dr. K. Watorski.

(CHROMATES, toxicity
potassium dichromate pois. in exposed workers,
early sympt.)

(POISONING
potassium dichromate in exposed workers, early
sympt.)

(OCCUPATIONAL DISEASES
potassium dichromate pois. in exposed workers.)

EXCERPTA MEDICA Sec.6 Vol.11/1 Internal Med. Jan 57
WATORSKI K.

649. WATORSKI K. Inst. Med. Pracy w Rokitnicy; Terenowa Stacja Toksykol. w Gliwicach. *Ostre i lekkie zatrucia związkami manganu. Acute and mild poisoning caused by manganese compounds MED. PRACY 1955, 6/1 (15-22)

These compounds caused acute poisoning (sudden onset, circulatory disorders, slight loss of consciousness, grave dyspnoea) in 7 out of 19 workers. The milder forms showed only irritation of the respiratory tract, headache, cough, weakness and skin ulcerations. The manganese compounds exert their toxic action even after a short contact, depending on their chemical pureness and on the high concentration of dust. The prophylaxis, diagnosis, prognosis and treatment are discussed.

Gaertner - Cracow

WATORSKI, K.

Industrial safety and hygiene in work with radioactive compounds.
p. 238. CHEMIK. Katowice. Vol. 8, no. 9, Sept. 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

WATORSKI, K.

Alcohol and poisonings in factories. p. 144. ACTA PHYSICA
POLONICA Warszawa Vol. 9, No. 5, May, 1956.

East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 11, August 1956.

WATORSKI, K.

POLAND/Chemical Technology. Chemical Products and Their
Application. Part 1. - Safety and Sanitation
Techniques.

H

Abs Jour: Ref. Zhurnal Khimiya, No 21, 1958, 71286.

Author : Kazimierz Watorski.

Inst :

Title : Cancer Causing Compounds in Industry.

Orig Pub: Med. pracy, 8, No 3, 353-366.

Abstract: A classification of cancer causing substances used
in the industry is presented. The mechanism and
conditions of the cancer causing action of chemical
substances is discussed. Prophylactic measures are
recommended. Bibliography with 29 titles.

Card : 1/1

WATORSKI, K.

LILLE-SZYSKOWICZ, Irena; WALEWSKA, Irena; WATORSKI, Kazimierz

Problem of allergic anti-thrombocyte antibodies in a case of acute pancytopenia following drug therapy. Polskie arch. med. wewn. 27 no.9: 1255-1263 1957.

1. Z Zakładu Serologii Instytutu Hematologii kierownik: prof. I. Lille-Szyskowicz Dyrektor Instytutu: doc. A. Trojanowski i z IV Kliniki Chorob Wewnętrznych A. M. w Warszawie Kierownik: prof. Z. Askanaś

(BARBITURATES, inj. effects,

anemia, aplastic, with anti-platelet antibodies (Pol))

(ANEMIA, APLASTIC, etiology and pathogenesis,

barbiturates, with anti-platelet antibodies (Pol))

(BLOOD PLATELETS,

anti-platelet antibodies in aplastic anemia caused by barbiturates (Pol))

WATORSKI, Kazimierz; WAJSZCZUK, Waldemar

Coronary disease among physical workers in the M. Kasprzak Radio
Factory in Warsaw. Postepy hig. med. dosw. 15 no.6:753-758 '61.

1. Z IV Kliniki Chorob Wewnetrznych AM w Warszawie Kierownik:
prof. dr Z. Askanas.
(CORONARY DISEASE statist) (OCCUPATIONAL DISEASES statist)

WATORSKI, Kazimierz

Some problems related to the standardization of permissible concentrations of toxic factors acting upon workers employed in industry.
Polski tygod. lek. 16 no.37:1425-1428 11 S '61.

(AIR POLLUTION) (INDUSTRIAL MEDICINE)

WATORSKI, Kazimierz (Warsaw)

Institute of Labor Physiology of the Polish Academy of Sciences.
Nauka polska 13 no.1:52-56 Ja-F '65.

1. Submitted September 1964.

L 33802-66

ACC NR: AP6025130

SOURCE CODE: PO/0002/65/000/001/0052/0056

AUTHOR: Watorski, Kazimierz

ORG: Research Office for Physiology of Work/headed by Professor W. Misiuro/, PAN,
Warsaw (Zaklad Fizjologii Pracy PAN)

TITLE: Research office for physiology of work at the Polish Academy of Sciences

SOURCE: Nauka polska, no. 1, 1965, 52-56

TOPIC TAGS: hygiene, human engineering, human physiology, pathology

ABSTRACT: The article describes the topics of work at the Research office, which is concerned with work hygiene, occupational pathology, physiology of work, human engineering, etc. The history and structure of the the Office is given, and main research topics outlined. The main topics include neurophysiological and biochemical studies, investigation of harmful external factors and field studies. Detailed research topics are listed. [JPRS]

SUB CODE: 06 / SUBM DATE: 00Sep64

Card 1/1 BLG

0916

04493

1st AND 2nd INDEX										3rd AND 4th INDEX									
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WATORSKI, IV										13									
24																			
Medical service in chemical industry. M. Watorski.										T. Micka									
Chem. Obozr 23, 197-0(1948).																			
A.S.A. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION																			
1st AND 2nd INDEX										3rd AND 4th INDEX									
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SCHNEIBERG, K.; WATRAS, J.

Erythropoiesis in mice C57_{BL} black investigated with radioiron
after exclusion of the spleen from the portal circulation. Folia
biol 8 no.4:339-349 '60. (EEAI 10:6)

1. Institute of Oncology, Gliwice. Head: J. Swiecki, M.D.
Laboratory of Clinical Medicine, Gliwice. Head: K. Schneiberg, M.D.
Laboratory of Radiobiology, Gliwice. Head: J. Watras, M.Eng.
(IRON) (BLOOD) (LIVER) (SPLEEN)
(RADIOISOTOPES)

SCHNEIBERG, K.; WATRAS, J.

Erythropoiesis in C57 Black mice investigated with radiochromium after exclusion of the spleen from the portal circulation. Folia biologica 9 no.2:159-167 '61.

1. Institute of Oncology, Gliwice. Head: J. Swiecicki, M. D.
Laboratory of Clinical Medicine, Gliwice. Head: K. Schneiberg,
M. D. Laboratory of Radiobiology, Gliwice. Head: J. Watras, M.Eng.

WATRASZEK, M. ARENDARSKI, J., GOLABEK, R.

"Ceramic facing applied in building the Iosif Stalin Palace of Culture and Science." p. 381. (MATERIALY BUDOWLANE, Vol. 8, no. 12, Dec. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.

WATRASEK M.

3058

720.61 : 725.63(430)

Watrusek M., Gólabek J. Ceramic Facing of the J. Stalin Memorial
Palace of Culture and Science.

"Okładzina ceramiczna Pałacu Kultury i Nauki im. J. Stalina".
Przegląd Budowlany, No. 11, 1953, pp. 363-367, 16 figs.

Ceramic tiles as a facing for the outer walls are durable, relatively
light, and less expensive than natural stone facings. The sizes and
shapes of facing elements depend on where they are used and on the
method of fitting. The tiles are laid either on walls already erected
(surface facing), or when the walls are being built (constructional fac-
ing). Recent experience has shown tiles to be an extremely valuable
facing material of many uses in finishing the elevations of buildings.

WATROBSKI, Robert; DYSZKIEWICZ, Zenon

Epidemic of paratyphoid B fever in the Rzeszow region in 1963.
II. Clinical analysis of cases treated at the hospitals in
Lancut and Sarzyna. Przegl. epidem. 19 no.3:393-395 '65.

1. Z Oddzialu Zakaznego Szpitala Powiatowego w Lancucie.
(Ordynator: dr. S. Szynklar).

I 3184/-66 T JK

ACC NR: AP6021334

(A) SOURCE CODE: PO/0081/65/019/003/0393/0395

AUTHOR: Watrobski, Robert--Vontrubski, R.; Dyszkiewicz, Zenon--Dyshkevich, Z. ²⁷_B

ORG: Infectious Division of the District Hospital /headed by Dr. S. Szynalar/.
(Oddzial Zakaznego Szpitala Powiatowego)

TITLE: Epidemic of paratyphoid B fever in Rzeszow Wojewodztwo in 1963. Report II.
Clinical analysis of cases treated at the hospitals in Lancut and Sarzyna.

SOURCE: Przegląd epidemiologiczny, v. 19, no. 3, 1965, 393-395

TOPIC TAGS: drug treatment, bacteriology, epidemiology, infectious disease, drug

ABSTRACT: A clinical analysis of 100 cases of paratyphoid B fever from the Rzeszow epidemic in 1963 is presented. Bacteriologic confirmation was obtained in 67 percent of cases, and the Widal test was positive in 71 percent. No complications were observed. The patients were treated with detreomycin in doses of 50 mg per kg body weight during the febrile period. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 06 / SUM DATE: none

Card 1/1 JS

WATYCHA, Ludwik

General geologic and technical map of Poland, its content, and possibilities of its practical application. Kwartalnik geol
3 no.1:207-217 '59. (EEAI 9:8)

1. Zaklad Geologii Inzynierskiej I.G.
(Poland--Geology)

WATYCHA, Ludwik

POLAND

WATYCHA, Ludwik

Geological Institute (Instytut Geologiczny)

Warsaw, Przegląd Geologiczny, No 8, August 63, pp 371-79.

"Magura Flysch of the Southern Part of the Gorce Mountains".

WATYCHA, Ludwik

Geological problems in the Vietnam People's Republic.
Kwartalnik geol 6 no.4: 769-770 '62.

1. Zaklad Geologii Inzynierskiej, Instytut Geologiczny, Warszawa.

WATYCHA, Ludvik

Magura Flysch of the southern part of the Gorce Mountains.
Przegł geol 11 no. 8:371-379 AG '63.

1. Institute of Geology, Warsaw.

WATYCHA, Ludwik, dr.

Geologic processes occurring in areas affected by the action of continental glaciers and their significance in the formation of building conditions. Inz i bud 20 no.11:444-448 N '63.

1. Instytut Geologiczny, Zakład Geologii Inżynierskiej,
Warszawa.

BERNTHAL, I.; ROMAN, Elisabeta; WAVEBNIA, Ed.; CEAPRAZ, Natalia;
CRAINIC, Karin; CIOBANU-MAGIARI, Mariana

Poisoning with "rogor". Experimental study. Stud. cercet. fiziol.
10 no.1:65-74 '65.

WAVERNIA, L.; LAPPEL, P.

Production of course linen in carded-wool spinneries. p. 74
(Industria Textila, Vol. 8, No. 2, Feb. 1957, Bucuresti, Rumania)

SO: Monthly List of East European Accessions (REAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

WAVERNIA, L.

TECHNOLOGY

PERIODICAL INDUSTRIA TEXTILE, Vol. 9, no. 11, Nov. 1958

WAVERNIA, L. Elastic car clothing used in wood spinneries. Pt. 2. p. 421

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass

WAVERNIA, L.

TECHNOLOGY

PERIODICAL: INDUSTRIA TEXTILE; Vol. 9, no. 12, Dec. 1958

WAVERNIA, L. Installations for preliminary opening and cleaning of fibers from vegetable impurities used on woolen carding sets. p. 453

Monthly List of East European Accessions (EEAT) LC Vol. 8, No. 4
April, 1959, Unclass

WAWELSKI, Ludwik

"Vinyl Dielectrics," by Ludwik Wawelski. Chemik, No. 5, May 56.

POMPOWSKI, Tadeusz; WAWER, Daniel

Catalytic oxidation of ethylene for ethylene oxide on an active silver catalyzer. Chemia stosow 4 no.1:115-128 '60. (EEAI 9:10)

1. Katedra Analizy Technicznej i Towaroznawstwa Politechniki Gdanskiej.

(Catalysts) (Silver) (Ethylene) (Ethylene oxide)

WAWER, Pola

Recovery of vision after keratoplasty used in the treatment of Rhodotorula infection of the cornea. Klin. oczna 35 no.3: 451-453. '65.

Superficial tuberculous cornea aspergillosis with allergic conjunctival reactions. Ibid.:455-457

1. Z Kliniki Okulistycznej Studium Doskonalenia Lekarzy w AM w Warszawie (Kierownik: prof. dr. med. W. Arkin).

WAWERKA, K., inz.

Development of large capacity brick factories from the viewpoint
of regional distribution. Stavivo 42 no.12:459-460 D '61.

1. Branch Association of Brick Industry National Enterprises, Brno.

WAWERKA, F.; KAZILEK, Z.

Drives of rotary cement kilns. p. 40.
(Czechoslovak Heavy Industry, No. 12, 1956. Prague, Czechoslovakia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6,
June 1957. Uncl.

SARAGEA, M., conf.; WAWERNIA, Ed., dr.; NEGRU, T., dr.; VLADUTIU, A. dr.

Electroencephalographic studies in experimental allergic encephalomyelitis. Med. intern. (Bucur.) 16 no.12:1439-1454
D '64

1. Lucrare efectuata la Catedra de fiziopatologie, Institutul medico-farmaceutic, Bucuresti.

FAIBIS, A.; WAWERNIA, E.; KOTTLAR-CRAINIC, Karin

Functional topography of the bulbar structures involved in
regulation of circulation. Stud. cercet. de fiziol. 10 no. 2:
193-202 ' 65.

WAWRO, T.

"The method of constructing diagrams showing the relation of factors of water level"
p. 5 (gazeta obserwatora, Vol. 6, No. 8, Aug. 1953, Warszawa)

SO: Monthly List of ~~Accessions~~ Accessions, East European Vol. 3, No. 3, March 1958, Uncl.

APPROVED FOR RELEASE: 09/01/2001

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23309
P/14/61/040/001/007/007
A221/A126

AUTHOR: Wawrzyczek, Wiktor

TITLE: Oxidation of aniline by means of ultrasonic waves

PERIODICAL: Przemysł Chemiczny, v. 40, no. 1, 1961, 41-43

TEXT: This is the reprint of a lecture, delivered during the VII Open Seminary on Acoustics in Gliwice in July 1960. In the introductory part of his lecture, the author discussed briefly the findings of various scientists, published in scientific periodicals. Chemical processes taking place in supersonic field are various and numerous, e. g. oxidation, reduction, analysis, synthesis, polymerization, depolymerization, etc. In order to elucidate chemical processes taking place under the influence of supersonic waves, Lindström and Lamm (Ref. 3: O. Lindström, O. Lamm, I. phys. Colloid Chem., 55, 1139 (1951) have assumed that the basic reaction taking place is the decomposition of water into radicals $H_2O = H + OH$. By means of this, several processes can be explained. In the second part of his lecture, the author described the experiments of aniline oxidation by ultrasonic waves. For these experiments 0.5, 1, 2 and 3% aniline solution in twice distilled water were used. Exposition to supersonic wave action was carried out in exactly similar vessels, each containing 50 mls of respective;
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P,614/61/040/001/007/007

A221/A126

Oxidation of aniline by means of ultrasonic waves

aniline solution. The magnetostriction transducer of 5.1 cm² radiation surface was air cooled, so that the initial temperature of the solutions (17 - 18°C) rose by 4 - 7°C only, depending on time of ultrasonic vibration. Before being exposed to supersonic waves, all solutions were saturated for 10 minutes with pure oxygen at atmospheric pressure. The supersonic radiation lasted only 2 minutes and during this time small quantities of oxygen at the rate of 35 - 40 bubbles per minute were allowed to pass through the liquid. Vibration frequency applied was 21 kc/s and 4.5 w/ml of solution. It was found that, following the action of supersonic waves, various aniline oxidation products were formed:

Aniline concentration

Dyestuff obtained

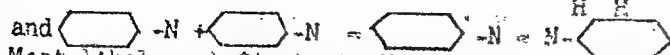
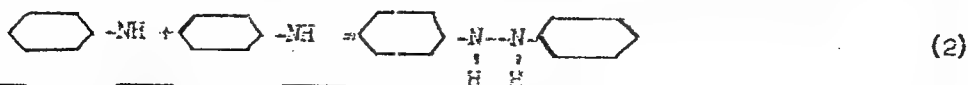
0.5%	violet) not identified
1.0%	violet-blue	
2.0%	orange,	identified as azobenzene
3.0%	black with greenish tint,	identified as a mixture of aniline black and unidentified green dye.

Discussing the orange dye, the azobenzene, the author thinks that at first the aniline decomposes into radicals c1ccccc1[NH] and c1ccccc1[N] (1) which, being unsaturated, react between themselves as follows:

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Oxidation of aniline by means of ultrasonic waves

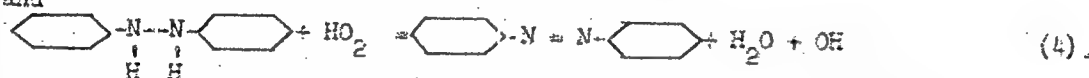
23309
P/14/61/040/001/007/007
A221/A:26



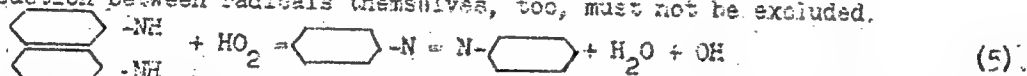
Most likely, at first, in the presence of oxygen the hydrazobenzene is formed which under influence of OH and HO₂ radicals oxidizes according to the following equation:



and



The reaction between radicals themselves, too, must not be excluded.



The influence of ultrasonic vibration time on aniline-black formation was also investigated. Equal quantities of 3% aniline solutions were exposed at the temperature 17 - 18°C for 1, 2, 3 and 4 minutes to the supersonic vibration and

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P/014/61/040/001/007/007
A221/A126

Oxidation of aniline by means of ultrasonic waves

with simultaneous admission of 35 - 40 bubbles of oxygen per minute. After 1 and 2 minutes of exposition mainly green dyes were obtained, probably emeraldine, nigraniline and pernigraniline. In samples exposed to 3 and 4-minute supersonic action mainly aniline black not turning green was obtained. This process is highly complicated and not yet defined. During the course of investigations it was found that increased oxygen partial-pressure does not intensify the process of oxidation. Investigations on water solutions of aniline in the presence of inert gases, in particular of argon, are in progress. There are 1 table and 23 references: 6 Soviet-bloc and 17 non-Soviet-bloc. The reference to the most recent English-language publication reads as follows: O. Lindström, I. Acoust, Soc. Amer., 27, 654 (1955).

SUBMITTED: August 12, 1960

Card 4/4

WAWRYK, Roman

MIECZNIKOWSKI, Andrzej; WAWRYK, Roman

Serum proteins in puerperium. Gin. polska 25 no.3:273-282.
July-Sept. 54.

1. Z Instytutu Matki i Dziecka, Pion Matki. Kierownik: doc. dr Jan
Lesinski. 2. Z Kliniki Położnictwa i Chorob Kobietych Akademii
Medycznej w Zabrze. Kierownik: prof. dr W.Starszewski.

(BLOOD PROTEINS,

in puerperium)

(PUERPERIUM, blood in,
proteins)

WAWRYK, Roman

Effect of work on labor and puerperium. Gln. polska 26 no.1:
81-92 Jan-Mar 55

1. Z Kliniki Położnictwa i Chorob Kobięcych Sl. A.M. w Zabrze.
Kierownik: prof. dr W.Starszewski.

(LABOR,

eff. of work during pregn.)

(PUERPERIUM,

eff. of work during pregn.)

(WORK, in pregnancy,

eff. on labor & puerperium)

WAWRYK, Roman; SIERON Gerard.

Weight and length of newborn infants depending on occupations
of the mothers. Gin. polska 28 no.2:241-257 Mar-Apr 1956.

1. Z Kliniki Położnictwa i Chorób Kobietych A.M. w Zabrsu
Kierownik: prof. dr. W.Starszewski. Gliwice--Nowotki 46.

(INFANT, NEWBORN

length & weight, relation to maternal occupation (Pol))

(BODY WEIGHT, in infant and child,

birth weight, eff. of maternal occup. (Pol))

(BODY HEIGHT, in infant and child,

birth length, eff. of maternal occup. (Pol))

YAWRYK, Roman; MUSIOLIK, Marian.

Spastic syndrome as a rare indication for cesarean section.
Polski tygod. lek. 11 no.4:166-168 23 Jan 56.

1. Z I Kliniki Położnictwa i Chorob Kobietych Śląskiej A.M. w
Zabrze; kier: prof. dr W. Słarzewski. Zabrze, Klinika Położn. i
Chor. Kob., ul. Gurie-Skłodowskiej 10.

(PREGNANCY, compl.

neuroma of spinal cord, causing
spastic paralysis of legs, indic. for cesarean section)

(NEUROMA,

spinal cord, in pregn., causing spastic paralysis of legs,
indic. for cesarean section)

(SPINAL CORD, neoplasms

neuroma, in pregn., causing spastic paralysis of legs, indic.
for cesarean section)

(PARALYSIS

spastic, caused by neuroma of spinal cord in pregn., indic.
for cesarean section)

(LEGS, paralysis

in pregn., caused by neuroma of spinal cord indic. for
cesarean section)

WAWRYK, Roman; MUSIOLIK, Marian

Pregnancy and labor complicated by peritonitis caused by Meckle's diverticulum. Gin. polska 28 no.2:225-229 Mar-Apr 57.

1. Z I Kliniki Położnictwa i Chorob Kobietych Śląskiej Akademii Medycznej w Zabrze Kierownik: doc. dr. W. Starzewski. Adres: Zabrze. Klinika Chorob Kobietych i Położnictwa, ul. C.-Sklodowskiej 10.

(PERITONITIS, in pregn.

caused by Meckle's diverticulum, postpartal diag. & surg. (Pol))

(MECKLE'S DIVERTICULUM, compl.

peritonitis, postpartal diag. & surg. (Pol))

(PREGNANCY, compl.

peritonitis caused by Meckle's diverticulum, postpartal diag. & surg. (Pol))